

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/530,694 Confirmation No.:  
Applicant : Davies et al.  
Filed : April 8, 2005  
Group Art Unit : Not yet assigned  
Examiner : Not yet assigned  
For : Arrays Of Electrodes Coated With Molecules And Their Production  
Docket No. : 35-05  
Customer No. : 23713

## CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence, along with any other document referred to as being enclosed or attached, is being deposited with the United States Postal Service with sufficient postage as "Express Mail Post Office to Addressee" in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Bearing Express Mail Label No. EV642817573US

Date

7-15-05

Marilyn J. Morris



## INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
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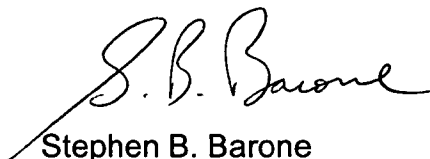
Sir:

The Examiner is respectfully requested to consider the references, copies enclosed, which may qualify as prior art. For the Examiner's convenience, the references are listed on the attached Patent and Trademark Office form PTO-1449. Pursuant to the Waiver published in the Official Gazette on August 5, 2003, because this application was filed after June 30, 2003, copies of cited U.S. patents are not included, but will be provided upon request.

References known to the applicants have been listed on PTO-1449. That information is cited in a spirit of forthrightness and cooperation to enable the applicants to obtain that measure of protection for the invention to which there is entitlement. However, no representation is made that the listed art actually qualifies as prior art under the patent statute and the mere use of PTO-1449 is not an admission that all listed references are prior art. No representation is made that applicants know of the best art.

It is believed this submission does not require the payment of a fee as it is being submitted prior to the issuance of an Office Action on the merits of the application. If this is incorrect, please deduct the appropriate fee from deposit account no. 07-1969.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "S. B. Barone".

Stephen B. Barone  
Reg. No. 53,968

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July 14, 2005

## CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Attorney Docket No.: 35-05

Applicant(s): Alexander Giles Davies, Christoph Walti, Anton Peter Jacob  
Middelberg, Michael Pepper and Rene Wirtz

Serial No.: 10/530,694

Filing Date: April 8, 2005

Title: Arrays Of Electrodes Coated With Molecules And Their  
Production

I hereby certify that the following correspondence:

1. Information Disclosure Statement (2 pages)
2. Form PTO-1449 (2 pages)
3. 12 References
4. Return Postcard

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Marilyn J. Morris

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Sheet 1 of 2

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Substitute for form 1449/PTO, based on 3/08A and 08B	Application Number	530,694
		Filing Date	08/2005
		First Named Inventor	Davies et al.
		Art Unit	Not assigned
		Examiner Name	Not assigned
		Attorney Docket Number	35-05

GWS 7/14/2005

**U.S. PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)
	1	6,093,302	07/25/2000	Montgomery	

**FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Foreign Patent Document Number (include WIPO country code )	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)	T <sup>2</sup>
	2	WO 03/020415	03/13/2003	Southern		
	3	WO 99/51778	10/14/1999	Barton et al.		

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	REFERENCE Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	4	Caillat et al. (1999) "Biochips on CMOS: An Active Matrix Address Array for DNA Analysis," <i>Sensors and Actuators</i> 61(1-3):154-162	
	5	Carcenac et al. (2002) "Fabrication of Multiple Nano-Electrodes for Molecular Addressing Using High-Resolution Electron Beam Lithography and Their Replication Using Soft Imprint Lithography," <i>Microelectronic Eng.</i> 61-62:657-663	
	6	Mirkin et al. (1996) "A DNA-Based Method for Rationally Assembling Nanoparticles into Macroscopic Materials," <i>Nature</i> 382:607-609	
	7	Mirsky, V.M. (2002) "New Electroanalytical Applications of Self-Assembled Monolayers," <i>Trends Analytical Chem.</i> 21(6-7):439-450	
	8	Philipp et al. (1999) "Shadow Evaporation Method for Fabrication of Sub 10nm Gaps Between Metal Electrodes," <i>Microelectron. Eng.</i> 46:157-160	
	9	Sullivan et al. (1999) "Automated Electrochemical Analysis with Combinatorial Electrode Arrays," <i>Anal. Chem.</i> 71(19):4369-4375	
	10	Tender et al. (1996) "Electrochemical Patterning of Self-Assembled Monolayers onto Microscopic Arrays of Gold Electrodes Fabricated by Laser Ablation," <i>Langmuir</i> 12:5515-5518	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here or "x" if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /L.V./

Sheet 2 of 2

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Substitute for form 1449/PTO, based on 08/08A and 08B	Application Number	530,694
		Filing Date	08/2005
		First Named Inventor	Davies et al.
		Art Unit	Not assigned
		Examiner Name	Not assigned
		Attorney Docket Number	35-05

GWS 7/14/2005

Examiner Initial*	Cite No. <sup>1</sup>	REFERENCE	
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	11	Wang et al. (2000) "Electrochemically Induced Deposition of Thiol-Based Monolayers onto Closely Spaced Microelectrodes," <i>Langmuir</i> 16(25):9687-9689	
	12	Wilhelm et al. (2001) "Patterns of Functional Proteins Found by Local Electrochemical Desorption of Self-Assembled Monolayers," <i>Electrochimica Acta</i> 47(1):275-281	
	13	International Search Report for PCT/GB2003/004368 mailed January 30, 2004.	

Examiner Signature	/Luan V. Van/ (04/23/2009)	Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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